NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



Ton Secret 25x1

basic imagery interpretation report

Soviet Mobile Missile Summary



Deployed Strategic SSM Facilities

BE: Various
USSR

Top Secret

25X1

RCA-01/25X1/82

APRIL 1982



ase 2010/02/26 : Cla Top Secret RUFF	A-RDP82T00709R000100190001-6	25 <b>X</b> 1
		20/(1

# **Soviet Mobile Missile Summary**

25X1

Top Secret

25**X**1

RCA-01/0008/82

#### LIST OF ACRONYMS AND ABBREVIATIONS

This list in its entirety is UNCLASSIFIED

AAD	Azimuth alignment device
C3	Command, control, and communications
CSF	Complex support facilities
FTA	Field-training area
GSE	Ground support equipment
HP/TD	Hardpoint/tiedown
ICBM	Intercontinental ballistic missile
IRBM	Intermediate-range ballistic missile
KM	Kilometer
LAD	Launch assist device
LRP	Launch reference position
LTS	Launch test site
MRB	Missile-ready building/bunker
MRBM	Medium-range ballistic missile
MSTC	Missile/space test center
MSV	Missile support van
MTC	Missile test center
NM	Nautical mile(s)
NPHF	Nuclear payload handling facility
NPIC	National Photographic Interpretation Center
NWHF	Nuclear warhead handling facility
PBV	Postboost vehicle
PGCS	Propulsion guidance control section
POE	Piece(s) of equipment
R&D	Research and development
RIM	Receiving, inspection, and maintenance
RTP	Rail-to-road transfer point
RVT	Revetment
SBG	Single-bay garage
SMRA	Silo materials receiving area
SRF	Strategic Rocket Forces
SSM	Surface-to-surface missile
TEL	Transporter-erector-launcher
TSA	Temporary support area
UHF/VHF	Ultra-high-frequency/very-high-frequency

25**X**1

- ii -Top Secret

RCA-01/0008/82

	Top Secret RU	FF	
			25 <b>X</b> 1
. (	SOVIET MOBILE MISSIL	F SI IMAMA DV	
	WHEN MIGBILL MISSIL	L SOMMARI	25 <b>X</b> 1
	SUMMARY		
n the USSR.1 This report	ile-related research, developmen	on SS-20 mobile IRBM bases nificant mobile missile activity seen at two t, and production facilities; and several com-	25 <b>X</b> 1
	tivity during the reporting period		
<ul><li>b. the identification of</li><li>c. the identification of</li><li>d. the identification of</li><li>1;</li></ul>	f a new, scratch-built mobile base f support rings on an empty SS-20 f a new mobile base at Krolevets; f probable SS-20-associated camo exercises at three complexes;	0 TEL at Verkhnyaya Salda RTP:	
f. the continuation of g. several command-a	priority snow removal at SS-16 LF nd-control developments.	RPs at Plesetsk; and	
3. (U) The reporting pap, eight annotated photo	period extends from graphs, and four tables are included	A location ded in this report.	25X1
	DISCUSSION		;
eployed Complexes			
onstruction practices, the option of 363 SBGs to house S	d to be capable of maintaining a 40 bases, including the remote s 55-20 missiles on launchers. Six b	were in the late stages of construction or an operational unit (Table 1). Based on past site at Drovyanaya, will eventually contain a ases are in the eastern section of Siberia, six SSR, and 18 are in the western section of the	
anister was in the operation quipment has been observ	Mobile IRBM Base 4. On sarea in front of a former SS-7 Ned at this mobile IRBM base.	an SS-20 TEL with an SS-20 training	
		ARB. This was the first time that SS-20-related	25X1
Location	ining exercises in the Drovyanaya  Date	ARB. This was the first time that SS-20-related a Complex were as follows:	25X1
	ining exercises in the Drovyanaya	ARB. This was the first time that SS-20-related	25 <b>X</b> 1
Location	ining exercises in the Drovyanaya	ARB. This was the first time that SS-20-related a Complex were as follows:  Remarks	25X1 25X1
Location FTA 3A	ining exercises in the Drovyanaya	ARB. This was the first time that SS-20-related a Complex were as follows:  Remarks  Camouflaged C3 unit	25X1
Location FTA 3A	ining exercises in the Drovyanaya	ARB. This was the first time that SS-20-related a Complex were as follows:  Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch	25X1 25X1
FTA 3B-Rvt	ining exercises in the Drovyanaya	ARB. This was the first time that SS-20-related a Complex were as follows:  Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch unit Camouflaged SS-20 unit	25X1 25X1 25X1
FTA 3B-Rvt  FTA 3C	ining exercises in the Drovyanaya	ARB. This was the first time that SS-20-related a Complex were as follows:  Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch	25X1 25X1 25X1 25X1 25X1
FTA 3A  FTA 3B-Rvt  FTA 3C  FTA 5A-Rvt	ining exercises in the Drovyanaya	ARB. This was the first time that SS-20-related a Complex were as follows:  Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch unit  Camouflaged SS-20 unit of unk type	25X1 25X1 25X1 25X1 25X1
FTA 3A  FTA 3B-Rvt  FTA 3C  FTA 5A-Rvt	ining exercises in the Drovyanaya	ARB. This was the first time that SS-20-related a Complex were as follows:  Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch unit	25X1 25X1 25X1 25X1 25X1
FTA 3A  FTA 3B-Rvt  FTA 3C  FTA 5A-Rvt	ining exercises in the Drovyanaya	Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  Camouflaged SS-20 launch unit  Camouflaged SS-20 launch unit	25X1 25X1 25X1 25X1 25X1
FTA 3A  FTA 3B-Rvt  FTA 5A-Rvt  FTA 5B-Rvt  FTA 5C  After the cutoff date for this reevaluated; these two facilities	Date  Page 1	Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  (Continued p. 4)  e 1 and Olovyannaya Mobile IRBM Base 1 were es under construction will no longer be constructed.	25X1 25X1 25X1 25X1 25X1
FTA 3A  FTA 3B-Rvt  FTA 3C  FTA 5A-Rvt  FTA 5B-Rvt  FTA 5C  After the cutoff date for this reevaluated; these two facilities mobile bases. This reduces	Date  Page 1	Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  (Continued p. 4)  e 1 and Olovyannaya Mobile IRBM Base 1 were es under construction, will no longer be counted the properational or under construction, from 40 to	25X1 25X1 25X1 25X1 25X1
FTA 3A  FTA 3B-Rvt  FTA 5A-Rvt  FTA 5B-Rvt  FTA 5C  After the cutoff date for this reevaluated; these two facilities mobile bases. This reduces	Date  Treport, Kivertsy Mobile IRBM Bases, previously identified as SS-20 base the total number of SS-20 bases, eight	Remarks  Camouflaged C3 unit  Camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  (Continued p. 4)  e 1 and Olovyannaya Mobile IRBM Base 1 were es under construction, will no longer be counted the properational or under construction, from 40 to	25X1 25X1 25X1 25X1 25X1 25X1 25X1

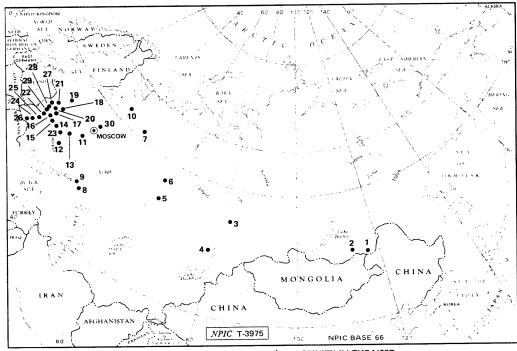


FIGURE 1. LOCATIONS OF SS-16/-20 ACTIVITY IN THE USSR

Item	Installation Name	BE No					
1	Olovyannaya Mobile IRBM Base 1						
2	Drovyanaya Mobile IRBM Base 1						
	Drovyanaya Mobile IRBM Base 2						
	Drovyanaya Mobile IRBM Base 3						
	Drovyanaya Mobile IRBM Base 4						
	Drovyanaya Mobile IRBM Base 5						
	Drovyanaya SS-20 Remote Site 1						
3	Novosibirsk Mobile IRBM Base 1						
	Novosibirsk Mobile IRBM Base 2						
	Novosibirsk Mobile IRBM Base 3						
	Novosibirsk Mobile IRBM Base 4						
	Novosibirsk Mobile IRBM Base 5						
	Novosibirsk Mobile IRBM Base 6						
4	Semipalatinsk NWPG						
5	Bobrovskiy Missile-Support Rear Depot						
6	Verkhnyaya Salda Mobile IRBM Base 1						
	Verkhnyaya Salda Mobile IRBM Base 2						
	Verkhnyaya Salda Mobile IRBM Base 3						
	Verkhnyaya Salda Mobile IRBM Base 4						
	Verkhnyaya Salda Mobile IRBM Base 5						
7	Yurya Mobile IRBM Base 1						
	Yurya Mobile IRBM Base 2						
	Yurya Mobile IRBM Base 3						
	Yurya Mobile IRBM Base 4						
	Yurya Mobile IRBM Base 5						
8	Kapustin Yar Missile/Space Test Center SSM						
9	Volgograd Steel and Machinery Plant						
	Krasnyy Barricada 221						
10	Plesetsk Missile/Space Test Center SSM						
11	Serpukhov SSM Engineering Research Training Facility						
12	Lebedin Mobile IRBM Base 1						
13	Bryansk Guided Missile Support Equipment Plant II						
14	Rechitsa Mobile IRBM Support Base						
	Rechitsa Mobile IRBM Base 1A						
	Rechitsa Mobile IRBM Base 1B						
	Rechitsa Mobile IRBM Base 1C						
15	Mozyr Mobile IRBM Base/Training Facility						
16	Konkovichi Mobile IRBM Base						
17	Gresk Mobile IRBM Base 1						
18	Postavy Mobile IRBM Base						
19	Polotsk Mobile IRBM Base 1						
	Polotsk Mobile IRBM Base 2						
20	Minsk Motor Vehicle and Guided						
	Missile Support Plant						
21	Smorgon Mobile IRBM Base 1						
	Smorgon Mobile IRBM Base 2						
22	Kozhanovichi Mobile IRBM Base						
23	Krolevets Mobile IRBM Base 1						
24	Kivertsy Mobile IRBM Base 1						
25	Kivertsy Mobile IRBM Base 2						
26	Lutsk Mobile IRBM Base 1						
27	Lida Mobile IRBM Base 1						
28	Dyatlovo Mobile IRBM Base 1						
29	Slonim Mobile IRBM Base 1						
30	Krasnoarmeysk Solid Motor Development Facility						

25**X**1

- 2 -Top Secret

RCA-01/0008/82

Top Secret RUFF

Table 1. Summary of SS-20 Construction at Deployed Areas

			OPERA	ATIONS	AREA								GEN	NERAL SU	PPORT AR	EA/NUCLE	AR PAYLO	DAD HANDL	ING FACI	LITY		
SSM	First Identified	Date Assessed as Being Operational	Date Last Imaged	Single	age		Garage	4-Bay		5-Bay Gar		I1-Bay Garage	11-Bay 0 (66 x 1	18m)		pport Bldg		Bay Bldg	Clere	story Bldg	Status of Construction at RTP	Remarks/Comments
Installation Name				Comp	Ucon	Comp	Ucon	Comp	Ucon	Comp U	lcon (	Comp Ucon	Number Co	Comp	Number	Construction Comp	Number	Construction	Number	Construction		
vyanava Mobile	Jul 76	Sep 77		9	-	3					-	1 -	1	Yes	0.	_	0*	_	0.5		Clerestory bldg ucon	
BM Base 1	30170			1									1		-						Clerestory blog doon	
vyanaya Mobile	Jan 77	Jun 78		9	_	3	-		-	- "	-	0 -	2	Yes	0.		0*	-	0.	-		1 admin/personnel bldg ucon in spt area
BM Base 2 vyanaya Mobile	Nov 77	Dec 78		9	_	3		1	-		_	0 -	2	Yes	0*		0.	_	0.4			
BM Base 3						-									-							
vyanaya Mobile RM Rase 4	Nov 78	Nov 81		9	-	-		3	_	- "	-	0	2	Yes	0.		0.	-	0.	.:		1 multibay garage, & 1 admin/personnel bldg ucon in spt area. TEL with traini
BM Base 4 vyanaya Mobile	Apr 79	Mer 80		9	_	3			_	_	_	0 -	2	Yes	0*		0*	_	· 0.			canister in ops area on first identification of SS-20 equipment at this b
M Base 5																					1	
yanaya Remote	Aug 79			3	-			= .	-		-	- 1 - 1		-				-			le a transfer a factor	
1 yannaya Mobile	May 79			0	9	0	3		-	_	-	0 -	0	-	0		0		0	-		
M Base 1								-					4								the last seement and the seeme	The second secon
sibirsk Mobile IM Base 1	Jan 77	Jun 78		9	-	-		3	-	- 1	-	0	2	Yes	0*	1	0.	-	0.		Complete	C-shaped bidig ucon
sibirsk Mobile	Dec 77	Nov 78		9				3	-	-	_	0	2	Yes	0*	-	0*	-	0.		Fig. 1	1 personnel/admin bldg ucon in spt area
M Base 2														16	0*							
sibirsk Mobile M Base 3	Jun 78	Nov 79		9	-	-		3	-		-	0 -	2	Yes	0*		. 0.	-	0,		Edited in all and its	
iibirsk Mobile	Dec 79	Dec 80		9	-			3	-	-		0 -	1 1	Yes	0*	-	0.	-	0*		Prince Cold Cold	
A Base 4													,	Yes	0*				0.		Learner and an arrangement	
sibirsk Mobile M Base 5	Oct 80	Aug 81		9	-	-		3	-	- :	-	o	1 - 2	1 65	0.	T	0.	-	0.	= :	Land State State	
birsk Mobile	Dec 81			-	9	_			-		3		2**	No	-			-	- 1			
VI Base 6		- 4 4 4		Ι.									L								English of the State of the Sta	
nyaya Salda Mobile M Base 1	Feb 78	Jain 79		9		3	= -	-	-		-	0	2	Yes	0.		0.	-	0.		Complete	
nyaya Salda Mobile	Jan 79	Nov 79		9	-	3			_		_	0	2	Yes	0*		0*		0.			
1 Base 2				1.									1. 7-								F	
nyaya Salda Mobile # Base 3	Nov 79	Dec 80		9	-	3		-	-		-	0	1	Yes	0,		0.	-	0.			The second secon
nvava Salda Mobile	Mar 80	Dec 80		9	-	3			_	2 -	_	0	0	_	0*	-	0*	-	0.			At least 1 of the old SS-7 barracks was removed, & an
1 Base 4													1		0.*							apartment bldg has been built
nyaya Salda Mobile 4 Base 5	Apr 81	Neov 81		9	-	. 3				-	-	0	1 '	No	0*	-	0.	-	0.	·	La	
Mobile	Apr 78	Jain 79		9	-	3			-	-	-	0	1	Yes	0*		0*	-	0*		Complete	
f Base 1 Mobile	Jan 79	Jain 80				,						0 -		Yes	0*		0.		0.	42		
A Base 2				"	-	3			-	-		*	1 '	. 05	-	-					Fig. 1 To The Control of the	
Mobile	Dec 79	Dec 80		9	- '	3			-	- "	-	0	1	Yes	0*	- " -	0.	-	0*			
M Base 3 Mobile	May 80	Mar 81		9	_	3	-		_		_	0	1	Yes	0*	2.7	0*		ñ*		F	
A Base 4												-	1 1									
Mobile A Base 5	Apr 81	Dec 81		9	-	3				- 1	-	0	1	Yes	0*		0.	-	0*			
vichi Mobile	Nov 75	Juin 78		9		3			_		_	1	2	Yes	1	Yes	1	Yes	1	Yes	Complete	Several bldg ucon in spt area
A Base				1.									1.0								Access to the contract of the	
novichi Mobile Il Base	Jul 76	Juin 78		9		3	: <del>-</del>		_	-	_	1	2	Yes	1	Yes	. 1	Yes	.1.	Yes	Complete	C-shaped bldg completed
ets Mobile	Dec 81			9	-			0	3	-	_	- """	1 -	-	-		-	_				
1 Base		3 30 30											10.2						1.1		transition in the second	
Mobile IRBM Training Facility	Oct 76	Jun 78		9	-	3		-	-		-		3	Yes	1	Yes		Yes	1	Yes	Complete	Tenth single-bay garage adjacent to clerestory bldg; additions to 1 single-bay in ops area have been removed
v Mobile	Oct 77	Jun 78		9	-	3			-	- 1	-	0	2	Yes	1	Yes	1.	Yes	1	Yes	Complete; heliport, runway/apror	
d Base on Mobile	Apr 78	Jain 79			_	- 2		3			_	0 -	2	Yes		Yes		Yes			ucon	
/I Base 1				,							-	*	+ -			- es		1 05	0		Complete	6-bey garage ucon in ops area
gon Mobile	Aug 79	Jain 81		9	-		-	3	-	- 1	-	0	1.0	Yes	0		. 0	-	0	- 1	1	
d Base 2 tsa Mobile IRBM	Sep 78	Miar 80		1 -				_	_		_		2	Yes	1	Yes	1	Yes		Yes	Complete	Several bldgs ucon in spt area; NWSF ucon
ort Base													1 7						1.1		Complete	Several bruge door in spt area, revior door
sa Mobile IRBM Base 1A sa Mobile IRBM Base 1B	Aug 79 Aug 79	Mar 80 Mar 80		3					-	= : :	=		-	-	-	2	_	-		_	La talente de la companya de la comp	
sa Mobile IRBM Base 1C	Aug 79	Mar 80		3	-	-		=	=		-	- : : : .	1 - 1	_	-		: = :	=		- 1 E 11 1	1	
k Mobile 1 Base 1	Oct 78	Jain 80		9	"	3	- ,,,,	, - n	-	,	-	0 , "= "	2	Yes	1	Yes	1		. 1	Yes	Complete	
Mobile	Aug 79	Jan 81		9		3			_			0	1 .	Yes	0	100	0.0	_				Dormitory bldg completed in spt area
Base 2						- 200										2.5					Part of the second	
lobile IRBM Base 1	Jun 80	Apr 81		9				3	-	-	-	U -	1. 1	Yes	0		. 0		. 0			Several bldgs ucon in spt area
Mobile IRBM Base 1	Aug 80	Apr 81		9	- 1-	-		3	-	- 1		0	1	Yes	1	No	1	. No	1.	No		
Mobile IRBM Base 1 ov Mobile IRBM Base 1	Jan 81 Feb 81			0				3	_	= -		0	1 0	No No	0	No	0	No	0	No	Later to the second second	5 bldgs ucon in spt area; NPHF ucon
sy Mobile IRBM Base 2	Nov 81	- 1 <u>-</u>		4	- 5			. 0	3			0 -	1 1	No	ó	NO .	- 1	. No		IND	transaction and	Will deal
													1						. 11111			
din Mobile IRBM Base 1	Feb 81			8	1	-		. 0	3		-	0	1 -1	No	0		0		0		Two TSA at RTP	Single-bay garages constructed behind 3 single-bay;
													1 1								place to the transfer	By temporary garage foundations were dismantled; NPHF ucon and 1 TSA present at LS2
	Mar 81	Jan 82		. 9	n			3	_		_	0 1	1 0	_	0		0	_	0		1	NPHF ucon and 1 TSA present at LS2
ovo Mobile IRBM Base 1	- Mar o i																					

Red indicates changes since the cutoff date of the updated report

"The former SS-7 ICBM complexes in the central and eastern USSR currently have nuclear payload handling facilities under construction or complete at their RTPs, these areas consist of high two-bay, technical support, and cleretrory buildings.

Top Secre

#### Top Secret RUFF

2 nm NW of MOB 5 at 51:26-31N 112-49-98E unit Camouflaged SS-20 launch unit 1 camouflaged SS-20 launch unit 2 camouflaged SS-20 launch unit 3 camouflaged SS-20 launch unit 5 camouflaged SS-20 launch unit 5 camouflaged SS-20 launch unit 2 camouflaged SS-20 launch unit 3 camouflaged SS-20 launch unit 2 camouflaged SS-20 launch unit 3 camouflaged SS-20 launch unit 4 camouflaged SS-20 launch unit 4 camouflaged SS-20 launch unit 4 camouflaged SS-20 launch unit 5 camouflaged SS-20 camouf	Location	Date	Remarks	_
3 mm NW of MOB 5 at 51-26-43h 112-50-03E Between MOB 5 & FTA  5C  2 nm N of MOB 5 at 51-26-43h 112-50-32E  2 nm N of MOB 5 at 51-22-59N 112-45-41E  2 nm SW of MOB 4 at 51-22-59N 112-45-41E  3.4 nm SW of MOB 4 at 51-22-59N 112-45-41E  2 nm W of MOB 5 at 51-22-59N 112-45-41E  2 nm W of MOB 5 at 51-22-59N 112-45-41E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  3.5 nm SW of MOB 5 at 51-24-16N 112-49-42E  3.6 nm SW of MOB 5 at 51-24-16N 112-49-42E  3.6 nm SW of MOB 5 at 51-24-16N 112-49-42E  3.7 nm W of MOB 5 at 51-24-16N 112-49-42E  3.8 nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 5 at 51-24-16N 112-49-42E  3. nm SW of MOB 6 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB 8 at 51-24-16N 112-49-42E  3. nm SW of MOB			Camouflaged SS-20 launch	2
S1-26-43N 112-50-03E Between MOB 5 & FTA SC  2 nm N of MOB 5 at 51-25-48N 112-50-32E 2 nm SW of MOB 4 at 51-22-59N 112-45-41E  3 4 nm SW of MOB 4 at 51-22-59N 112-45-41E  2 nm W of MOB 5 at 51-23-16N 112-45-01E 2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-15N 112-45-01E  2 nm W of MOB 5 at 51-24-16N 112-45-01E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 6 at 6 camouflaged SS-20 launch unit 6 camouflaged SS-20 launch unit 6 camouflaged SS-20 launch 1 nnit 1 ca				
Between MOB 5 & FTA 5C  2 nm N of MOB 5 at 51-22-48N 112-30-32E 2 nm SW of MOB 4 at 51-22-48N 112-30-32E 2 nm SW of MOB 4 at 51-22-59N 112-45-41E  3.4 nm SW of MOB 5 at 51-22-59N 112-45-41E  2 nm W of MOB 5 at 51-22-516N 112-45-01E 2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-15N 112-45-01E 2 nm W of MOB 5 at 51-24-15N 112-45-01E 3.5 nm Sw of MOB 5 at 51-24-15N 112-45-01E 3.6 nm Sw of MOB 5 at 51-24-15N 112-45-01E 3.6 nm Sw of MOB 5 at 51-24-15N 112-45-01E 3.7 nm W of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  3.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  2 nm W of MOB 5 at 51-24-16N 112-49-42E  3.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  3.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  3.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  3.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 5 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 6 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 6 at 51-24-16N 112-49-42E  4.6 nm Sw of MOB 6 at 51-24-16N 112-49-42E  5.6 nm Sw of MOB 6 at 51-24-16N 112-49-42E  5.6 nm Sw of MOB 6 at 51-24-16N 112-49-42E  5.				
2 nm N of MOB 5 at 51-25-48N 112-50-32E 2 nm SW of MOB 4 at 51-22-39N 112-45-41E				
associated veh remained  2 nm N of MOB 5 at 51-25-48N 112-50-32E  2 nm SW of MOB 4 at 51-22-59N 112-45-41E  3.4 nm SW of MOB 4 at 51-23-16N 112-45-01E  2 nm W of MOB 5 at 51-23-16N 112-45-01E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  3 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 75-24-14N 112-49-42E  3 nm W of MOB 5 at 75-24-14N 112-49-42E  3 nm W of MOB 5 at 75-24-14N 112-49-42E  3 nm W of MOB 5 at 75-24-14N 112-49-42E  3 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24N 124-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 5 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 nm W of MOB 6 at 75-24-14N 112-49-42E  4 n				
2 nm N of MOB 5 at 51-25-48N 112-30-32E 2 nm SW of MOB 4 at 51-22-59N 112-45-41E  3.4 nm SW of MOB 4 at 51-22-59N 112-45-41E  3.4 nm SW of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  3.5 iberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Gripure 2), was identified under construction in January 1982. This new base is the 40th base din the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, mately 1 nm southeast of the Novosibirsk IRBM RTP   at 35-15-30N 083-345. The 2 irsk Complex supports five operational SS-20 bases, all of which were constructed at dismanted Milaunch sites.  (S/D) Buildings were first observed under construction on windations for nine SBGs, three five-bay garages, and two 10-bay garages were present on undations for nine SBGs, three five-bay garages, and two 10-bay garages were present on proximately 1 nm north of the RTP. On an object, approximately in height, cont and to the right of the parked TEL. The object's height and relative position suggest that the night have been an AAD.  (S/D) S-20 field-training exercises in the Novosibirsk Complex were as follows:    Commouflaged SS-20 launch unit   Prob camouflaged SS-20 launch unit   Prob camou				
2 nm W of MOB 5 at 51-25-48 N 112-45-41E  2 nm SW of MOB 4 at 51-22-59N 112-45-41E  3.4 nm SW of MOB 4 at 51-22-59N 112-45-41E  2 nm W of MOB 5 at 51-23-16N 112-45-01E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 7 Prob camouflaged S5-20 launch unit	ь		associated veh	
51-22-59N 112-45-41E  2 nm SW of MOB 4 at 51-22-59N 112-45-41E  3.4 nm SW of MOB 4 at 51-23-16N 112-45-01E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  Camouflaged SS-20 launch unit  FTA RC  Camouflaged SS-20 launch unit  Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Figure 2), was identified under construction in January 1982. This new base is the 40th base id in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, mately 1 nm southeast of the Novosibirsk IRBM RTP	2			
2 mm SW of MOB 4 at 51-22-59N 112-45-41E  3.4 nm SW of MOB 4 at 51-23-16N 112-45-01E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 70-24-14N 112-49-42E  2 nm W of MOB 6 at 70-24-14N 112-49-42E  2 nm W of MOB 8-5-20 launch unit 7-24-14N 112-49-42E  2 nm W of MOB 8-5-20 launch unit 7-24-14N 112-49-42E  2 nm W of MOB 8-5-20 launch unit 7-24-14N 112-49-42E  2 nm W of MOB 8-4-14N 112-49-42E  2 nm W of MOB 8-4-14N 112-49-42E  2 nm W of MOB 8-4-14N 112-49-42E  3 nm Unit 7-24-14N 112-49-42E  4 nm Unit 7-24-14N 112-49-42E  4 n				
51-22-59N 112-45-41E  3.4 nm SW of MOB 4 at 51-23-16N 112-45-01E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  Camouflaged SS-20 launch unit  FTA RC  Camouflaged SS-20 launch unit  Camouflaged SS-20 launch unit  Experiment of the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, mately 1 nm southeast of the Novosibirsk RIBM RTP is scratch sites.  (S/D) Buildings were first observed under construction on however, security were observed under construction on No activity was observed on unidations for nine SBCs, three five-bay garages, and two 10-bay garages were present on constinustions for nine SBCs, three five-bay garages, and two 10-bay garages were present on constinustion of the RTP. On an object, approximately in height, ont and to the right of the parked TEL. The object's height and relative position suggest that the hight have been an AAD.  (S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:  Location  FIA RB-Rvt  1 poss camouflaged C3 'unit Camouflaged prob SS-20 launch unit Prob camouflaged SS-20 launch unit Camouflaged prob SS-20 launch unit Prob camouflaged SS-20 launch unit Camouflaged prob SS-20 launch unit Camouflaged SS-20 launch unit Camouflaged SS-20 launch unit Prob camouflaged SS-20 launch unit Camouflaged SS-20 launch unit Camouflaged SS-20 launch unit DSSR  (S/D) Verkhnyaya Salda NPHF and RTP On Prob camouflaged SS-20 TEL with training canister was on a prob scanding of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that pull the prob probable scanding of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL with missile canister was parental on front of a former SS-7 WRB. Also, several other SS-20-associated vehicles were in parental on front of a former SS-7 WRB. Also, several other SS-20-associated vehicle				
associated vehs Camouflaged SS-20 launch unit At least 6 camouflaged SS-20-associated vehs Prob camouflaged SS-20 launch unit  At least 6 camouflaged C3 unit  Camouflaged SS-20 launch unit  FIA RC Camouflaged SS-20 launch unit  Camouflaged SS-20 launch unit  Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Figure 2), was identified under construction in January 1982. This new base is the 40th base d in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, nately 1 nm southeast of the Novosibirsk RBM RTP Iss Complex supports five operational SS-20 bases, all of which were constructed at dismantled Mi launch sites.  (S/D) Buildings were first observed under construction on No activity was observed on undations for nine SBGs, three five-bay garages, and two 10-bay garages were present on  (S/D) Novosibirsk IRBM RTP. On an SS-20 TEL with training canister was on a proximately 1 nm north of the RTP. On an object, approximately In height, ont and to the right of the parked TEL. The object's height and relative position suggest that the hight have been an AAD.  (S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:  Location  Remarks 1 poss camouflaged C3 'unit Camouflaged prob SS-20 launch unit  Camouflaged prob SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that unidance/calibration had been conducted. The empty TEL had three support rings for securing of missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Bas 1. On arroshable cannot be securing of probable SS-20 TEL with missile cannot was parteral or for the first time support rings have been observed on an empty SS-20				,
Camouflaged SS-20 launch unit  At least 6 camouflaged SS-20 launch unit  At least 6 camouflaged SS-20-associated vehs  Prob camouflaged SS-20 launch unit  Camouflaged SS-20 launch unit  FTA RC  Camouflaged SS-20 launch unit  FTA RC  Camouflaged SS-20 launch unit  Camouflaged SS-20 launch unit  Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM figure 2), was identified under construction in January 1982. This new base is the 40th base di in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, nately 1 nm southeast of the Novosibirsk IRBM RTP , at 55-15-30N 083-03-45E. The irsk Complex supports five operational SS-20 bases, all of which were constructed at dismantled M launch sites.  (S/D) Buildings were first observed under construction on however, security vere observed under construction on No activity was observed on undations for nine SBGs, three five-bay garages, and two 10-bay garages were present on undations for nine SBGs, three five-bay garages, and two 10-bay garages were present on undations for nine SBGs, three five-bay garages, and two 10-bay garages were present on proximately 1 nm north of the RTP. On an SS-20 TEL with training canister was on a proximately 1 nm north of the RTP. On an object, approximately in height, cont and to the right of the parked TEL. The object's height and relative position suggest that the night have been an AAD.  (S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:  Location Remarks  1 poss camouflaged C3 'unit Camouflaged G7 'unit Camouflaged G7 'unit Camouflaged G7 'unit Camouflaged prob SS-20 launch unit  Prob camouflaged prob SS-20 launch unit  East of security fence at MOB 2 limited in the NPHF, and an empty SS-20 TEL with missile canister was portations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in			_	
3.4 nm SW of MOB 4 at 51-23-16N 112-45-01E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  2 nm W of MOB 5 at 51-24-14N 112-49-42E  Camouflaged SS-20 launch unit  2 camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  4 camouflaged SS-20 launch unit  2 camouflaged SS-20 launch unit  3 camouflaged SS-20 launch unit  4 camouflaged SS-20 launch unit  5 camouflaged SS-20 launch unit  6 camouflaged SS-20 launch unit  7 camouflaged SS-20 launch unit  8 camouflaged SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that unidance/cafibration had been conducted. The empty TEL had three support rings for securing of secur				
SS-20-associated vehs vehs vehs vehs vehs vehs vehs vehs				
vehs  Prob camouflaged C3 unit  Camouflaged S5-20 launch unit  Camouflaged S5-20 launch unit  Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new S5-20 base, designated Novosibirsk Mobile IRBM  Figure 2), was identified under construction in January 1982. This new base is the 40th base of the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, nately 1 nm southeast of the Novosibirsk IRBM RTP in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The irsk Complex supports five operational S5-20 bases, all of which were constructed at dismantled MI launch sites.  (S/D) Buildings were first observed under construction on however, security were observed under construction on No activity was observed on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on 2000 and the right of the parked TEL. The object's height and relative position suggest that the night have been an AAD.  (S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:  Location Remarks  1 pos camouflaged C3 unit Camouflaged prob SS-20 launch unit Camouflaged SS-20-launch unit Camouflaged prob SS-20 launch unit Camouflaged prob SS-20 launch unit Camouflaged SS-20-associated weh Prob camouflaged C3 unit Camouflaged C3 USSR  (S/D) Verkhnyaya Salda NPHF and RTP On SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that pull cannot be first observation of SS-20 TEL imprints at aya Salda NPHF and the first time support rings have been observed on an empty SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an em			At least 6 camouflaged	
2 mw of MOB 5 at 51-24-14N 112-49-42E  Camouflaged SS-20 launch unit  Camouflaged SS-20 launch unit  Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Figure 2), was identified under construction in January 1982. This new base is the 40th base of in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, mately 1 nm southeast of the Novosibirsk IRBM RTP	51-23-16N 112-45-01E		SS-20-associated	
Siberia  Sib	2 14/ - ( ) 400 5 - (			
Camouflaged SS-20 launch unit  Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Figure 2), was identified under construction in January 1982. This new base is the 40th base d in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, nately 1 nm southeast of the Novosibirsk IRBM RTP   , at 55-15-30N 083-03-45E. The irsk Complex supports five operational SS-20 bases, all of which were constructed at dismantled M launch sites.  (S/D) Buildings were first observed under construction on however, security ere observed under construction on No activity was observed on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on 2007.  (S/D) Novosibirsk IRBM RTP. On an Object, approximately in height, ont and to the right of the parked TEL. The object's height and relative position suggest that the light have been an AAD.  (S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:  Location Remarks  FIA RB-Rvt 1 poss camouflaged SS-20 launch unit  Camouflaged prob SS-20 launch unit  Camouflaged prob SS-20 launch unit  Camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  Camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  SSSR  (S/D) Verkhnyaya Salda NPHF and RTP On SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing D missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL. (S/D) Vurya Mobile IRBM Base 1. On a probable SS-20 TEL with missile canister was perations are an infront of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in				
Siberia  Sib	51-24-14N 112-49-42E		unit	
Siberia  S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM rigure 2), was identified under construction in January 1982. This new base is the 40th base d in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, nately 1 nm southeast of the Novosibirsk IRBM RTP at 55-15-30N 083-03-45E. The rsk Complex supports five operational SS-20 bases, all of which were constructed at dismantled M launch sites.  S/D) Buildings were first observed under construction on however, security ere observed under construction on No activity was observed on undations for nine SBGs, three five-bay garages, and two 10-bay garages were present on 25/D) Novosibirsk IRBM RTP. On an SS-20 TEL with training canister was on a roximately 1 nm north of the RTP. On an object, approximately in height, ont and to the right of the parked TEL. The object's height and relative position suggest that the light have been an AAD.  (S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:  Location Remarks  1 poss camouflaged C3 unit Camouflaged C3 unit Camouflaged C3 unit Camouflaged C3 unit Camouflaged Prob SS-20 launch unit Camouflaged C3 unit Camo			Camouflaged SS 20 January	
Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Figure 2), was identified under construction in January 1982. This new base is the 40th base d in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, nately 1 nm southeast of the Novosibirsk IRBM RTP, at 55-15-30N 083-03-45E. The rsk Complex supports five operational SS-20 bases, all of which were constructed at dismantled M launch sites.  (S/D) Buildings were first observed under construction on No activity was observed on undations for nine SBGs, three five-bay garages, and two 10-bay garages were present on			_	
Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Figure 2), was identified under construction in January 1982. This new base is the 40th base d in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, nately 1 nm southeast of the Novosibirsk IRBM RTP (			umt	
Siberia  (S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Figure 2), was identified under construction in January 1982. This new base is the 40th base d in the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, nately 1 nm southeast of the Novosibirsk IRBM RTP	FTA RC		Camouflaged SS-20 Jaunch	
(S/D) Novosibirsk Mobile IRBM Base 6. A new SS-20 base, designated Novosibirsk Mobile IRBM Figure 2), was identified under construction in January 1982. This new base is the 40th base din the Soviet Union to date and the sixth at Novosibirsk. The base is a scratch-built facility, mately 1 nm southeast of the Novosibirsk IRBM RTP , at 55-15-30N 083-03-45E. The lirk Complex supports five operational SS-20 bases, all of which were constructed at dismantled M launch sites.  (S/D) Buildings were first observed under construction on No activity was observed on pundations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on undations for nine SBCs, three five-bay garages, and two 10-bay garages were present on an object, approximately in height, ont and to the right of the parked TEL. The object's height and relative position suggest that the light have been an AAD.  (S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:  Location  Remarks  1 poss camouflaged SS-20-associated veh Prob camouflaged C3  'unit Camouflaged prob SS-20  launch unit  Camouflaged prob SS-20  launch unit  Camouflaged SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL imprints at all a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. A				2
ront and to the right of the parked TEL. The object's height and relative position suggest that the night have been an AAD.  (S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:    Location	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction	construction in Ja and the sixth at No vosibirsk IRBM RTP ational SS-20 bases, rved under constru	nuary 1982. This new base is the 40th base posibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security	2
Common   C	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three  S/D) Novosibirsk IRBM RTP. On	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, and	nuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility,  at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security  No activity was observed on however, security and two 10-bay garages were present on an SS-20 TEL with training canister was on a	2 2 2 2 2 2
(S/D) SS-20 field-training exercises in the Novosibirsk Complex were as follows:    Location	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three aroximately 1 nm north of the R	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, and	nuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a an object, approximately in height,	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Location  FTA RB-Rvt  0.6 nm NE of the RTP, at 51-18-08N 082-59-14E  East of security fence at MOB 2  C(S/D) Verkhnyaya Salda NPHF and RTP  On  SS-20 TEL imprints were sof the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that suidance/calibration had been conducted. The empty TEL had three support rings for securing missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On  a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three more specified in the STO.  S/D) Novosibirsk IRBM RTP. Our coximately 1 nm north of the RT ont and to the right of the parket.	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, and	nuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a an object, approximately in height,	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
TA RB-Rvt  1 poss camouflaged SS-20-associated veh  1 poss camouflaged SS-20-associated veh Prob camouflaged C3 unit Camouflaged prob SS-20 launch unit  Prob camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  SSSR  (S/D) Verkhnyaya Salda NPHF and RTP On SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at any a Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observe observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. Our oximately 1 nm north of the R ont and to the right of the parkinght have been an AAD.	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sen object, approximately in height, is height and relative position suggest that the	2 2 2 2 2 2 2
SS-20-associated veh  O.6 nm NE of the RTP, at 51-18-08N 082-59-14E  East of security fence at MOB 2  Prob camouflaged prob SS-20 launch unit  Prob camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  SS-20-associated veh  On SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing or missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at anya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observe observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. Our oximately 1 nm north of the R ont and to the right of the parkinght have been an AAD.	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sen object, approximately in height, is height and relative position suggest that the	2 2 2 2 2 2 2
SS-20-associated veh  O.6 nm NE of the RTP, at 51-18-08N 082-59-14E  East of security fence at MOB 2  Prob camouflaged prob SS-20 launch unit  Prob camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  SS-20-associated veh  On SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing or missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at anya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three are observed under construction undations for nine SBGs, three are observed under construction undations for nine SBGs, three are onto and to the right of the parking ight have been an AAD.  (S/D) SS-20 field-training exerci	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a an object, approximately in height, in height and relative position suggest that the rsk Complex were as follows:	2 2 2 2 2 2 2 2
O.6 nm NE of the RTP, at 51-18-08N 082-59-14E  East of security fence at MOB 2  Prob camouflaged prob SS-20 launch unit  Prob camouflaged SS-20 launch unit  SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing of missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three  S/D) Novosibirsk IRBM RTP. On proximately 1 nm north of the R ont and to the right of the parking ight have been an AAD.  (S/D) SS-20 field-training exerci	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sen object, approximately in height, is height and relative position suggest that the resk Complex were as follows:	2 2 2 2 2 2 2 2
at 51-18-08N 082-59-14E  East of security fence at MOB 2  USSR  (S/D) Verkhnyaya Salda NPHF and RTP  On SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing 0 missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. Our own and to the right of the parkinght have been an AAD.  (S/D) SS-20 field-training exerci	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sin object, approximately in height, in height and relative position suggest that the rsk Complex were as follows:    Remarks   1 poss camouflaged	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
launch unit  Prob camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  Prob camouflaged SS-20 launch unit  USSR  (S/D) Verkhnyaya Salda NPHF and RTP  On  SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that ruidance/calibration had been conducted. The empty TEL had three support rings for securing 0 missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On  a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. On the Noroximately 1 nm north of the R ont and to the right of the parkinght have been an AAD.  (S/D) SS-20 field-training exercitoration  Location  FTA RB-Rvt  0.6 nm NE of the RTP,	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a an object, approximately in height, sheight and relative position suggest that the rsk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
East of security fence at MOB 2  USSR  (S/D) Verkhnyaya Salda NPHF and RTP  On  SS-20 TEL imprints were possible the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that ruidance/calibration had been conducted. The empty TEL had three support rings for securing 0 missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at any as Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On  a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. On the Noroximately 1 nm north of the R ont and to the right of the parkinght have been an AAD.  (S/D) SS-20 field-training exercitoration  Location  FTA RB-Rvt  0.6 nm NE of the RTP,	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a an object, approximately in height, sheight and relative position suggest that the rsk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
at MOB 2    SS-20 TEL imprints were   SS-20 TEL imprints   SS-20 TEL	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. On the Noroximately 1 nm north of the R ont and to the right of the parkinght have been an AAD.  (S/D) SS-20 field-training exercitoration  Location  FTA RB-Rvt  0.6 nm NE of the RTP,	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a an object, approximately in height, sheight and relative position suggest that the rsk Complex were as follows:    Remarks	2 2 2 2 2 2
USSR  (S/D) Verkhnyaya Salda NPHF and RTP  of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing of missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On	Figure 2), was identified under d in the Soviet Union to date a nately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three SS/D) Novosibirsk IRBM RTP. On the Noroximately 1 nm north of the Right have been an AAD.  (S/D) SS-20 field-training exercition Location  FTA RB-Rvt  0.6 nm NE of the RTP, at 51-18-08N 082-59-14E	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base byosibirsk. The base is a scratch-built facility,  at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security  No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sen object, approximately in height, in height, sheight and relative position suggest that the rsk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2
(S/D) <b>Verkhnyaya Salda NPHF and RTP</b> On SS-20 TEL imprints were of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing D missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at any as Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) <b>Yurya Mobile IRBM Base 1.</b> On a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date a nately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. On the IRBM RTP of the IRBM RTP	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base byosibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sin object, approximately in height, sheight and relative position suggest that the rsk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2
of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing D missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aaya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On	Figure 2), was identified under d in the Soviet Union to date a nately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. On the IRBM RTP of the IRBM RTP	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base byosibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sin object, approximately in height, sheight and relative position suggest that the rsk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2
of the high two-bay building in the NPHF, and an empty SS-20 TEL was at the RTP, suggesting that uidance/calibration had been conducted. The empty TEL had three support rings for securing missile canister on the TEL (Figure 3). This was the first observation of SS-20 TEL imprints at aya Salda NPHF, and the first time support rings have been observed on an empty SS-20 TEL.  (S/D) Yurya Mobile IRBM Base 1. On	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. Our oximately 1 nm north of the R ont and to the right of the parkight have been an AAD.  (S/D) SS-20 field-training exercition    Location    FTA RB-Rvt    0.6 nm NE of the RTP, at 51-18-08N 082-59-14E	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, a n TP. On ed TEL. The object	anuary 1982. This new base is the 40th base byosibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sin object, approximately in height, sheight and relative position suggest that the rsk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
(S/D) <b>Yurya Mobile IRBM Base 1.</b> On a probable SS-20 TEL with missile canister was perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date a nately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three and to the right of the parkinght have been an AAD.  (S/D) SS-20 field-training exerci  Location  FTA RB-Rvt  0.6 nm NE of the RTP, at 51-18-08N 082-59-14E  East of security fence at MOB 2  JSSR	r construction in Ja and the sixth at No vosibirsk IRBM RTP rational SS-20 bases, rved under constru- n on five-bay garages, an TP. On ed TEL. The object's	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sun object, approximately in height, sheight and relative position suggest that the rsk Complex were as follows:    Remarks	
perations area in front of a former SS-7 MRB. Also, several other SS-20-associated vehicles were in	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. On the SBCs is the parking of the parking that the parking thad the parking that the parking that the parking that the parking	and RTP the NPHF, and an erconducted. The emigure 3). This was to	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an SS-20 TEL with training canister was on a sin object, approximately in height, is height and relative position suggest that the risk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ations area.	Figure 2), was identified under d in the Soviet Union to date a nately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three ere observed under construction undations for nine SBGs, three in the second secon	and RTP the NPHF, and an eronducted. The emigure 3). This was the support rings have	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an object, approximately in height, sheight and relative position suggest that the rsk Complex were as follows:  Remarks  1 poss camouflaged SS-20-associated veh Prob camouflaged C3 unit Camouflaged prob SS-20 launch unit Prob camouflaged SS-20 launch unit Prob camouflaged SS-20 launch unit Prob camouflaged SS-20 TEL imprints were mpty SS-20 TEL was at the RTP, suggesting that pty TEL had three support rings for securing he first observation of SS-20 TEL imprints at e been observed on an empty SS-20 TEL.	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. Our or	and RTP the NPHF, and an erigiure 3). This was the support rings have	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an object, approximately in height, sheight and relative position suggest that the risk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. Our or	and RTP the NPHF, and an erigiure 3). This was the support rings have	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an object, approximately in height, sheight and relative position suggest that the risk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. Our or	and RTP the NPHF, and an erigiure 3). This was the support rings have	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an object, approximately in height, sheight and relative position suggest that the risk Complex were as follows:    Remarks	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
- // -	Figure 2), was identified under d in the Soviet Union to date anately 1 nm southeast of the Norsk Complex supports five oper M launch sites.  S/D) Buildings were first observed under construction undations for nine SBGs, three S/D) Novosibirsk IRBM RTP. Or roximately 1 nm north of the Right have been an AAD.  (S/D) SS-20 field-training exercition Index of the STP, at 51-18-08N 082-59-14E  East of security fence at MOB 2  JSSR  (S/D) Verkhnyaya Salda NPHF and the high two-bay building in the high two-bay	and RTP the NPHF, and an erigiure 3). This was the support rings have	anuary 1982. This new base is the 40th base possibirsk. The base is a scratch-built facility, at 55-15-30N 083-03-45E. The all of which were constructed at dismantled action on however, security No activity was observed on and two 10-bay garages were present on an object, approximately in height, sheight and relative position suggest that the risk Complex were as follows:    Remarks	

Sanitized Copy Approved for Release 2010/02/26 : CIA-RDP82T00709R000100190001-6

25X1

RCA-01/0008/82

Top Secret



#### Top Secret RUFF

13. (S/D) SS-20 field-training exercises in the Yurya Complex were as follows:

	Location	Date	Remarks	
F1	A RA		Prob camouflaged C3	25 <b>X</b> 1
			unit with a prob camouflaged SS-20 launch	25 <b>X</b> 1
			unit Prob camouflaged C3	
			unit; a second TWIN EAR	
	*		was 1 nm N of the RTP	
FI	A 3C-Rvt		Camouflaged SS-20 launch unit	25X1
*Th	ne use of two TWIN E	AR antennas on	suggests that a possible division-level field-	25X1
	aining exercise was ir			20,771
Western USS	R			
(Figure 4), was SBGs and on	ns under construction ne single-bay, temp uilding were in tar	on on at orary building were in	n mobile IRBM base, Krolevets Mobile IRBM Base 1 Krolevets IRBM Launch Site 1 Nine n the former SS-5 launch area. One SBG and the ess ramp, with the temporary building apparently	225 <b>X</b> 1
dismantled. I	uildings that had I n addition to the n	been constructed in t ine SBGs, three four-b	had been dismantled, and at least three additional tandem with three SBGs appeared to have been ay garages were in the early stages of construction.	25 <b>X</b> 1
No evidence Krolevets Mo Vinnitsa SRF	obile IRBM Base 1	nstruction was observ was the second mob	ved on coverage of Launch Site 1 on lile IRBM base in the Romny SSM Division of the	25 <b>X</b> 1
associated ve Launch Site	1 was assessed to b	unch Site 1. On launch area of Lutsk Note in a reduced state by been identified at t	of readiness on and no SS-20-	25X1 25X1 25X1 25X1
				25X1
				20/(1
				14



	0514
probable SS-20-associated vehicles were in the launch area of Launch Site 1. On six camou- flaged SS-20 TELs were in the launch area of Launch Site 1 (Figure 5). The SS-20-associated vehicles may be from Lutsk Mobile IRBM Base 1, approximately 3 nm north of the launch site. Lutsk Mobile IRBM Base 1	25X1
was first identified on imagery of but has not been assessed to be operational. SS-20-associated vehicles have previously been identified at two other deactivated MRBM launch positions—	25 <b>X</b> 1
Yelsk SSM Launch Position 3 and Vselyub SSM Launch Position 4	25X1 25X1
Missile Test Centers	
Kapustin Yar Missile/Space Test Center SSM	
17. (S/D) Eight SS-20-associated facilities and crew training areas were imaged during this reporting period. No significant activity was observed.	
18. (S/D) <b>Test Complex C Site 1.</b> By the previously reported fourth and fifth bays had been added to the three-bay garage. This garage is similar to the five-bay garages under construction at Novosibirsk Mobile IRBM Base 6.	25X1
Plesetsk Missile/Space Test Center SSM	
19. (S/D) Mobile ICBM-Associated Bases and Facilities. All four of the mobile ICBM-associated bases—Mobile ICBM Facility 1 (MOB 1, Mobile ICBM Facility 2 (MOB 2, ICBM Launch Test Site (LTS 5, and ICBM Launch Test Site 6 (LTS 6, and four of the five mobile ICBM-associated support facilities were imaged during this reporting period.	25X1 25X1
20. (TSR) All 42 LRPs were observed during the reporting period (Table 2). Activity included snow removal operations at the four mobile ICBM-associated bases, probable AADs mounted in many of the LRPs, and the clearing of snow to provide a stable base for TEL leveling jacks at some LRPs. In addition, MSVs were identified at two of the four mobile ICBM bases during December.	
21. (TSR) MOB 1. All 12 LRPs at this base were observed. Clearings for or imprints from TEL leveling jacks at LRPs were identified five times. Vehicles and personnel were in the driver training area during March. In addition, on a long, rectangular, canvas-covered framework was among the trees at the driver training area. The framework was not present on	25X1 25X1
22. (S/D) MOB 2. All 12 LRPs at this base were observed. Most of the LRPs had areas cleared for TELs, and probable AADs were periodically seen in the LRPs.	
23. (TSR) LTS 5. All 12 LRPs at this base were observed, and probable AADs were periodically seen in the LRPs. Clearings for or imprints from TEL leveling jacks were identified at two of the LRPs on and one set of clearings/imprints were identified in the calibration-associated area on In addition, two probable MSVs, were observed on respectively.	25X1 25X1 25X1 25X1
24. (S/D) LTS 6. All six LRPs at this base were observed. All LRPs had been cleared of snow, and four LRPs had probable AADs in them. On a probable MSV was outside the support area.	25X1
25. (S/D) Missile Handling Facility Construction in support of the anticipated SS-16 follow-on continued. If the rate of construction continues, the new buildings/structures could be completed before the third quarter of 1982.	25X1
26. (S/D) LTS 21 No significant activity was observed. The canvas has not been placed on the sliding-roof framework on the extension of the east pad.	25 <b>X</b> 1
Bryansk Guided Missile Support Equipment Plant II	
27. (S/D) Components for at least 23 to 24 garages were fabricated, and components for at least 12 to 13 garages were shipped from the plant (Table 3). Although these figures suggest a reduced level of production, it should be noted that usable imagery was obtained only two times during the period because of cloud cover. This limited access precluded an adequate sampling rate for assessing component production levels with any degree of confidence.	
SS-20 Command and Control	
28. (S/D) Significant command-and-control developments observed during the reporting period (Table 4) included the following: the construction of a new regimental headquarters at Slonim Mobile IRBM Base 1 and Dyatlovo Mobile IRBM Base 1; the dismantlement of the Slonim MRBM Regimental Headquarters Radio Receiver/Bunker Radio Communications Transmitter Station and Gresk MRBM Regimental Headquarters considerable progress on the previously the provided Regimental Headquarters and Gresk MRBM Regimental Headquarters are station and Gresk MRBM Regimental Headquarters are stationary to the Market MRBM Division Command Post/Runker (REGIMENT).	25X1
reported large building under construction near the Mozyr MRBM Division Command Post/Bunker (BE the construction of two lattice towers at Novosibirsk Mobile IRBM Base 1; the construction of one lattice tower at Novosibirsk Mobile IRBM Base 2; the construction of one lattice tower and the	25 <b>X</b> 1

- 8 -

Top Secret *RCA-01/0008/82* 

Page Denied

Spritted Copy Approved for Pologog 2010/02/26 - CIA PDP92T00709D000100190001 6

Table 3. Minimum Number of SS-20 Single-Bay Garages Fabricated at and Shipped from Bryansk Guided Missile Support Equipment Plant II

Dates of Usable	No of Days		icated	Ship	ped	
Coverages	Between Usable Coverages	Complete Garages*	Incomplete Garages	Complete Garages*	Incomplete Garages	
	131	0	4	6	2—3	25 <b>X</b>
	31	10	9—10	0	4	
Garages fabricated &		10	13—14	. 6	6-7	
shipped		23-	- 24	12	- 13	25)
Garages fabricated &					.0	
shipped prior to Garages fabricated &		312-	<b>–351</b>	309—	343	25)
· shipped since Apr 76		335-	<b>–375</b>	321—	356	,
*Includes two stationary end sections and e **No usable imagery of the plant was acquir	eight sliding-roof sections.		<u></u>			25)
ntification of a KY-EL-06 antounted TWIN EAR antenna astruction at Verkhnyaya Selstruction of two tower-mounters Radio Communication er-mounted TWIN EAR antounted TW	nd the completion da ICBM Headqual unted TWIN EAR ar s Receiver Station ennas at Postavy IR leasured for the first ental headquarters an north of the old aker,	of the thre rters Receive tennas and /MRBM Divitetime. at Slonim Mer existing and consis	e lattice towe ver/Bunker/H. I three lattice In additi vision Headqu lobile IRBM E regimental h	rs previously ard towers at Yu on, the previousters Radio Base 1 (Figure eadquarters ( 16- by 12-me	and the rya SSM Head- ously reported, Receiver/Bunk-	25) 25) 25) 25)
; an 11-bay vehicle storage cow; and two steel lattice istration building and anoth from the usual deploymenters/administration building of the new regimental heary 1982. It is presumed the out of operation as a col	building; two horize towers, probably si er identical buildin et of either single-st gs at regiment-level adquarters began i at the older existin	ontal dipole upporting l g at Dyatlov cory, C-shap , SS-20 com n the sumr	antennas, ori JHF/VHF ante oo Mobile IRB oed or two-sto mand-and-co ner of 1981 a	ented 60/240 ennas. This he BM Base 1 rep ory, irregularly ntrol facilities and had been	degrees toward adquarters/ad- resent a depar- y shaped head- . The construc-	
30. (S/D) At Dyatlovo Molim, was constructed betwee SS-20 MSVs in front of the rved at this base. On the set a KY-EL-06 antenna atop ille bases, Lida Mobile IRBM	en August 1980 and e 11-bay garage we ame coverage, one it. A similar antenn	January 198 ere the firs of two stee a has been	32. On covera t pieces of o el lattice towe identified at	ge of perational SS rs at this facili two other de	two proba- -20 equipment	25)
31. (S/D) The Slonim MR cent to Slonim Mobile IRBM gery indicates that in July 196 occurred, and a new helicoremoved antennas consist oc; two omnidirectional quaddismantling or downgrading	A Base 1, has appare 81 the antenna field opter pad had been of two horizontal dip drant antennas; and	ently been of had been d constructed poles, orien I two masts,	lismantled for lismantled, sig d on the facili ted probably sug	several mont inificant tree- ity's only hard toward poorting UHF	hs. A review of clearing activity lened antenna. Moscow/Smo-	25)
32. (S/D) At the Krolevets began between July 1981 pable barracks were in varied donment of the facility's ered heavy equipment at the nd, must have been remmunications with Moscow, F	IRBM Regimental I and January 1982. Ous stages of constr communications fut this facility indicate noved. When ope	Headquarte By Februa ruction in t unction. In d that the rational, th	rs Radio Rece ry 1982 (Figu he antenna fi addition, nu antenna feed is facility ha	eiver/Bunker, re 7), six lon eld, probably imerous vehi lines, which a d the capab	new construc- g, rectangular, indicating the cle tracks and	•
33. (S/D) The entire antening Transmitter Station was sently consists of two double h/south and northeast/south nas may be present. The trans antennas. Two of the release, and the other removes	na field at the Gres taken down and re rhombic antennas, hwest; and a mast, antenna field previ- emoved horizontal (	k MRBM R ebuilt betw oriented no probably so ously considipole anter	egimental Hea een July 1979 ortheast; four upporting UH sted of three nnas were orie	adquarters Ra and March horizontal di IF/VHF anteni horizontal di ented	1982. The field poles, oriented pas. Additional	25) 25X

25X1

RCA-01/0008/82

- 10 -

Top Secret

Table 4. Command and Control Developments at Deployed SS-20-Associated Facilities as of This table in its entirety is classified TOP SECRET RUFF

PRESENT ANTENNA INVENTORY Comments CHITA SRF ARMY
Drovyanaya ICBM Cplx
CP/Bnk
CP/Alt/Bnk A A A Type B\* 2\* Parking apron for TWIN EAR still ucon 2 sets of mast-mounted, TWIN EAR ants erec Mobile Base 1 Mobile Base 2 Mobile Base 3 Mobile Base 4 Mobile Base 5 Yes Yes Yes Yes Yes 2 2 A A A A Olovyannaya ICBM Cptx CP/Bnk 6 Type B No 3° Washer ants CP/Alt/Bnk | Rad Revr Rad Xmtr NE Rad Xmtr NW No No No No 2 Fishbone ants removed; 2 new bldgs in ant field 1 new double rhombic antenna ucon Mobile Base 1 Ú No SS-20 constructivity abandoned in 1979 VINNITSA SRF ARMY
Mozyr MRBM Div
CP/Bnk
Rad Rcvr
Rad Xmtr New bldg ucon near bnk nearly complete 2 masts support FORK REST ants 2 masts support FORK REST ants (Dec 77 i Type A No No No Mobile Base 1 No Located 3.5 nm SW of div CP & rovr Konkovichi MRBM Regt CP/Bnk Rad Revr Rad Xmtr New hg bldg constr in support area No Mobile base collocated with rovr & CP Kozhanovichi MRBM Regt CP/Bnk\* Rad Rcvr Rad Xmtr This fac is not the regt CP/bnk & prob never functioned as such Ants by C-shaped C&C bldg listed under row totals 1. Mobile Base Mobile base collocated with rovr & CP Gomel MRBM Regt CP/Bnk Rad Rcvr Rad Xmtr No No No 2 masts support FORK REST ant 3 FORK REST ants Comp Comp Comp No Rechitsa Mobile IRBM Spt Base; ants by C-shaped C&C bldg Lutsk MRBM Div CP/Bnk Rad Revr Rad Xmtr 4 2\* 3 2 FORK REST ants Lutsk MRBM Regt CP/Bnk Rad Rovr 2 Mobile Base 1

> - 11 -Top Secret

\*See comments.
Red indicates changes since

the cutoff date of the updated report,

25X1

25X1 25X1 25X1

25X1

25X1

25X1 25X1 25X1

25X1

25X1 25X1

25X1

25X1

25X1

25X1

25X1

25X1 25X1

25X1

25X1 25X1 25X1

25X1 25X1

25X1

25X1

Table 4 (Continued)

		/	/	/		-			AS FIRS											ORY	/		/ /	/			
	4cine. n	Solder Constituted	Fower Latrice	PU.ELOMO Are	Antennal Disor	Fishbo.	Anomy Antennes	ombic Anten	Observant Am		Antenna Antennas	./	Horizon	Anemas Oioge	Fishbone An.	Phombic A.	Quadran S	Hardenes Antennes	Antennas	Long Case	Shaw Blog	Perien Calmer Cac	W.Small C. Blog Assoc Blog V. Mee .	Ces No Offication Completed	Serion cerions Seeme	Regulary Sec.	Comments
ivertsy MRBM Regt P/Bnk ad Revr	A D	É																ī.	1 2								3 cylindrical storage tanks on site
Nobile Base 1 Nobile Base 2	U	ĒĒ														===						====					
omny IR/MRBM Div P/Bnk Rad Revr Rad Xmtr	A A A												4				22		3 5 2								11 revetments in ant field Mar 78
rolevets IRBM Regt CP/Bnk Rad Rcvr Rad Xmtr	A D A												- 6 6						_ 2 2				No No No	No No No	No No No	-	
ebedin IRBM Regt CP/Bnk Rad Rcvr	A D										2		1						2				Yes				
Mobile Base 1	U	E				-	-																				
MSK SRF ARMY Novosibirsk ICBM Cplx CP/Bnk Rad Revr Rad Xmtr	A A A	2 1 2		7	,	1 2	6		AND THE PARTY OF T		1 2 1	4 1 2	2 2 7	1 2		6 -	E	1	3 2* 1		= 1		Comp — No				1 mast supports FORK REST ant
Mobile Base 1 Mobile Base 2 Mobile Base 3 Mobile Base 4 Mobile Base 5 Mobile Base 6	A A A A U	2 2 2* 2 2*	Yes Yes Yes Yes									2 2* 2 2 2									1.				No No No No No		T Lattice tower has KY-EL-06 ant on top  Roof-mounted prob ants
SMOLENSK SRF ARMY		E																			-					=	A
Postavy MR/IRBM Div CP/Bnk Rad Rovr Rad Rovr Rad Xmtr	A A	1. 3		2	1			1				1 4 -	4 - 9				2 -		3 6				Comp Yes No	No No No	Yes No No		5 van trucks & trailers at bnk; 3 new lattice towers with 3 TWIN EAR ants
Postavy MRBM Regt CP/Bnk Rad Rcvr	A D	E		1'	•			-					1*						1	Comp	= .		Comp	No No	No No		Dipole down prob temporally as constr is underway in the area
Mobile Base	А		No							-									=						Yes		Mobile base collocated with regt CP
Smorgon IRBM Regt CP/Bnk Rad Rovr Rad Xmtr	A D A	2		2							1	2	2 - 8			= 1			1				Comp — No	No No No	No No No		
Mobile Base 1 Mobile Base 2	A	2	- No No	2	2	-		=			ī	ī	2		-				1	= = =	Comp	,* =			No		Occasionally seen Roof-mounted prob ants
Polotsk MRBM Regt CP/Bnk Rad Rcvr Rad Xmtr*	A D A	-		2							3 -		2 8				-		3 - 1*				Yes No No	No No No	No No No		Polotsk/Disna MRBM Regt Xmtr; mast supports a FORK REST ant
Mobile Base 1 Mobile Base 2	A	-	No No	2	<u>.                                     </u>	-					1		2	-	-		-	= :	ī		Comp	-			No No		Roof-mounted prob ants
Lida MRBM Div CP/Bnk Rad Revr Rad Xmtr *See comments.	A A A	=									-		1 2 10				-		3 2 2		_ =	=	No No No	No No No	No No No	- t -	Double rhombic ant

- 12 -Top Secret

Table 4. (Continued)

		/	/	/	A	NTENI	VAS AI Y WAS	DDED FIRS	SINCE T OBS	SS-20 ERVED		/	PR	ESEN	TANT	ENNA	INVE	NTORY		7	7	/		7	7	7	/
	Acino.	30 No Constituence Town Constituence	Por Mount	Horizona) drays	7	/	7	/		7	/	Anional Dio	Fishbon	Rhomt.	Quad Antennas	Hard Anemas	Ar. Antenn	Sa. New Pasis	Hall Chaped	Small C.S.	Pecanal Pool Cec Blo	Bung Shaped Book	Ves. W. Wooliffeeth	Communication	TWIN WOBILE SHELLING	, tome on the control of the control	Comments
ida MRBM Regt P/Bnk Rad Rovr	A															1.								No	No	Har	rdened ant is Type B; at least 2 horizontal dipole ants have in removed
Mobile Base 1	U	2*	-	2						2*		2								Comp	Fe bloom ( ) beautiful ( )					At	LS-1, roof-mounted prob ants; prob KY-EL-06
resk MRBM Regt  P/Bnk  Rad Revr  Rad Xmtr	A A A			3* - 4			=		4* - 1	=		3 4 4			2	1*	4* 2 1					7				Typ	if the masts have rotatable log periodic ant on them be B uble rhombic ants
Mobile IRBM Base 1	A									==								-		Comp*	No	No		No	No	Mol	bile base collocated with CP & rcvr
yatlovo MRBM Regt P/Bnk ad Rovr ad Xmtr	A A A	2		2 =						2		2 2			_ 2 2	1	- 2 1									3.5	tory rectangular hqs/admin bldg recently constr
Nobile Base 1	u	_=_			=								-					-			=				<del>-</del> -		
uzhany MRBM Div P/Bnk lad Rcvr lad Xmtr	A A A									-		3		- 2 6	_ 2 2	- 2	1* 1 2									FO	RKREST
onim MRBM Regt P/Bnk lad Revr lad Xmtr	A D A	2		2						2		2			- 2												tory_rectangular hqs/admin.bldg recently constr g ueon in ant fld
Nobile Base 1	U	- <u>-</u>						=		<del>  -</del>			<b>T</b>					1									
RENBURG SRF ARMY /erkhnyaya Salda ICBM Cplx CP/Bnk   Hd Spt Rew   Red Rew   Red Xmtr	A A A A	7		5						9 3		1	1 2	4	2	2	2 6* 					Com	ip .	No No No No	No No No No		ORK REST ant . 1 TWIN EAR ant . prob deactivated
fobile Base 1 fobile Base 2 fobile Base 3 fobile Base 4 fobile Base 5	A A A U	2 2 2 4	Yes Yes Yes No							2 2 2 4*							-				No				No No No No	Roc Roc	of-mounted prob ants; J. lattice tower has been dismantled of-mounted prob ants
LADIMIR SRF ARMY  urya ICBM Cplx  CP/Bnk Rad Rovr Rad Xmtr	A A A	7 3		4	1				2	9 3		1 3	1	1	2		2 5* 6*					Com		No No No	No No No	2 FC 3 FC	ORK REST ants, 2 pairs of TWIN EAR ant ORK REST ants, 1 R-400 ant
obile Base 1 obile Base 2 obile Base 3 obile Base 4 obile Base 5	A U U	2 2 2 2 2	Yes Yes Yes No							2 2 2 2 2															No No No No No	Roo	rf-mounted prob ants -f-mounted prob ants

- 13 -Top Secret 25X1 25X1 25X1

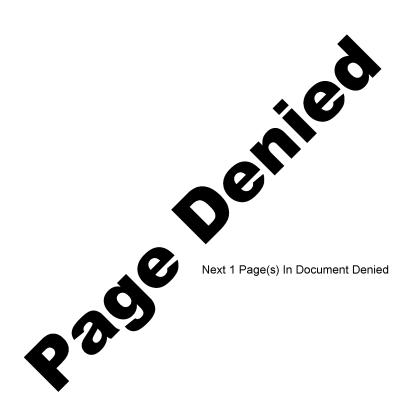
25X1 25X1 25X1 25X1 25X1

25X1 25X1 25X1

25X1

25X1 25X1 25X1

25X1



	•
5.66.	25 <b>X</b> 1
Name Section of Report Extension Black Green	
(S) Comments and queries regarding this report are welcome. They may be directed to the following points contact in the Soviet Strategic Forces Division, Imagery Exploitation Group, NPIC:	of
Project 542070A Distribution 86-001	
REQUIREMENT  COMIREX A15	•
NPIC. IAR-0010/80, SS-20 Field Training Areas, USSR (S), Jun 80 (TOP SECRET	25X1 25X1
*Extracted material is classified SECRET/WNINTEL.  RELATED DOCUMENT	
Jan 82 (TOP SECRET	25 <b>X</b> 1
1. NPIC. RCA-01/0002/82, Soviet Mobile Missile Summary,	☐ 25 <b>X</b> 1
(S/D) All applicable satellite imagery acquired from was used in the preparation of this report.	ne 25 <b>X</b> 1
IMAGERY  (S/D) All applicable catellite imagery acquired from the second in the second	. 051/4
REFERENCES	
tower-mounted TWIN EAR antennas. One TWIN EAR antenna set was oriented toward Postar MRBM Launch Site 2, another set was oriented toward the Polotsk MRBI regiment, and one antenna in the third set was oriented toward Postavy Mobile IRBM Base while its companion antenna was oriented toward the Polotsk MRBM regiment. However, r TWIN EAR antennas were identified at the possible correspondents. The towers supporting these TWI EAR antennas are 48 meters high.	25X1 1, 25X1 10 25X1
40. (S/D) Imagery of the Postavy IR/MRBM Division Headquarters Radio Receiver/Bunker/Hard of was of sufficient quality to enable the first mensuration of the three previously reported sets	on of 25X1
39. (S/D) At Yurya SSM Headquarters Radio Communications Receiver Station, two mast-mounted TWIN EAR antennas, oriented north and east, and three lattice towers have been constructed. They we first observed on imagery of (Figure 9).	ed
38. (S/D) At Verkhnyaya Salda ICBM Headquarters Receiver/Bunker/Hard, one mast-mounted TWIN EAR antenna, oriented southeast, had been constructed and was first observed on (Figure 8). Also, the three lattice towers previously under construction had been completed by	25X1 25X1
37. (S/D) At Novosibirsk Mobile IRBM Base 4, one lattice tower, which had been removed, had been rebuilt in a different location by Also, a KY-EL-06 antenna was identified on image of	
36. (S/D) At Novosibirsk Mobile IRBM Base 2, one lattice tower, which had been removed by had been rebuilt by in a different location.	25X1 25X1
35. (S/D) At Novosibirsk Mobile IRBM Base 1, two lattice towers, which had previously beed dismantled, had been rebuilt—one by in the same location and the other by a different location.	en in 25X1
	er
Command Post/Bunker was nearly complete, with apparent construction confined to the roof. The building is is three stories high, and appears to be a headquarters/administration-type building with elevator shafts at two sides. The construction of this building began in Septemb 1980.	a- 25X1

Sanitized Copy Approved for Release 2010/02/26 : CIA-RDP82T00709R000100190001-6

Top Secret

Top Secret